Toshiba International Corporation
Uninterruptible Power Systems

1600 Series 18kVA 208/240V In - 208/240/120V Out Tower Hardwire Solution - UE3G2L180C61T

Toshiba's 1600EP Series is an on-line uninterruptible power supply (UPS) systems provide continuous computer-grade ac power in a compact, high performance, and energy efficient unit. The UPS unit assures safe and reliable operation of critical office equipment. This can range from word processors and personal computers to mini-computers and local area networks. All units feature an audible alarm which sounds if the battery voltage drops below standard during use. This is an additional aid to help in retaining the valuable office data banks. All units allow for computer interfacing. This model is a hardwire solution. Customers have the options to choose from a range of different receptacles panels offers by Toshiba. Please refer to the specification for different line cord and receptacles panels options.

Product Specifications

INPUT	Voltage	208/240Vac
	Voltage Range	168V~264V (+10% to -30%)
	Frequency	50/60 Hz Auto Sensing
	Synchronization window	± 3Hz
	Power Factor	Greater than 0.95
	THD Current	Less than 5% at Full Load
	Topology	True On-Line, Double Conversion, Input PF Correction
OUTPUT	Voltage	208/240/120Vac
	Capacity (VA)	18000
	Capacity (W)	15300
	Voltage Regulation	± 3%
	Voltage Distortion	Less than 6% THD at Full Non-Linear Load. Less than 3% THD at full Linear Load.
	Step Load	± 8 % max from 100% to 0 % or from 0% to 100 % linear load
	Rated Current	75A

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	Max Peak Current	225A
	Overload Capacity	125% for 30 secs, 150% for 10 secs
	Crest Factor	3.0 at full load
	Frequency	50/60 Hz Auto Sensing
	Frequency Regulation	± 0.5Hz/± 1.0Hz/± 1.5Hz (authorized service center selectable only)
	Wave Form	Sine wave, Zero Transfer Time
	Load Power Factor	0.85
	Efficiency AC to AC	Greater than 83%
	Common Mode Noise	Less than 0.5 Vrms
BATTERY	DC Voltage	288V
	Backup Time	7 min (full load) 21 min (half load)
	Battery type	Enersys NPX-35 Flame retardant Lead Acid 9Ah/12V Part #: 51896
	Number of batteries Pack	3 (Six batteries in each pack)
	Recharge time	<12 hours to 90%
	Interface	RS-232, Dry Contact Connectivity, External Battery Connectivity
	Input	Hardwire Input
	Output	Hardwire Output
	Dimensions WxDxH (mm)	889x457x990
BATTERY	Ship Dimensions WxDxH (mm)	990x610x1168
	Dimensions W x D x H (inch)	39x24x46
	Ship Dimensions WxDxH (inch)	35x18x39
	Weight kg (lb)	340 (750)
	Ship Weight kg (lb)	410 (904)
	External Matching Battery Cabinet	Single - 25 Mins, Double - 50 Mins. Max Two Cabinets. Part #: UE3-BC-1825
	Network Interface Card	RemotEye II - Part #: RMTI-INT-R25
	Environmental Monitoring Device	Part #: RMTI-EMD-HT
ENVIRONMENT	Operating Ambient Temperature	0 ~ 40°C (32 ~ 104°F)
	Recommended Temperature	+15°C ~ 25°C
	Storage Temperature	-20°C ~ 40°C
	Humidity	30-90%, Non-Condensing
	Audible Noise	50dB (A) maximum @ 1 meter from Front Panel
	Altitude	3300 ft (1,000 m) above sea level
CONFORMANCE	Regulatory Approvals	UL, CUL, ISO 9001, NEMA/PEI-1993

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WARRANTY		Three years on electronics
		Two years full replacement on battery (See Toshiba warranty policy for full details)